

WHAT IS CLAIMED IS:

1. A printing head for ejecting ink, comprising:
a printing element board including an energy
5 generating element for generating energy used for
ejecting the ink;

a wiring board used for supplying an electric signal
or an electric power from an apparatus main body to
said printing element board, said wiring board
10 including an electrode wiring line connected with an
electrode of said printing element board to supply the
electric signal or an electric power; and

a supporting member supporting said printing
element board, said supporting member being formed with
15 an electrode wiring line for connecting the electrode
wiring lines, which supply the electric signal of the
same kind or the electric power of the same kind, with
each other among the electrode wiring lines connected
with the electrode of said printing element board.

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2. A printing head as claimed in claim 1, wherein
the electrode wiring line in said supporting member
is formed on said supporting member.

25 3. A printing head as claimed in claim 1, wherein
the electrode wiring line in said supporting member
is formed inside said supporting member and only a part

of said electrode wiring line which connects with the electrode wiring line of said wiring board is exposed.

4. A printing head as claimed in claim 1, wherein
5 said wiring board is sandwiched between said supporting member and a board forming outermost surface of said printing head.

5. A printing head as claimed in claim 1, wherein
10 the connection of the electrode wiring line of said wiring board with the electrode of said printing element board is made in a state in which said electrode wiring line is entirely covered with said wiring board.

15 6. A printing head as claimed in claim 1, wherein the energy generating element generates thermal energy to generate a bubble in the ink and the ink is ejected by pressure of the bubble.

20 7. An ink jet printing apparatus which employing a printing head to eject ink to a printing medium for performing printing,

wherein the printing head comprises:

25 a printing element board including an energy generating element for generating energy used for ejecting the ink;

a wiring board used for supplying an electric

signal or an electric power from an apparatus main body to said printing element board, said wiring board including an electrode wiring line connected with an electrode of said printing element board to supply the electric signal or an electric power; and

a supporting member supporting said printing element board, said supporting member being formed with an electrode wiring line for connecting the electrode wiring lines, which supply the electric signal of the same kind or the electric power of the same kind, with each other among the electrode wiring lines connected with the electrode of said printing element board.

8. An ink jet printing apparatus as claimed in claim 7, wherein the electrode wiring line in said supporting member is formed on said supporting member.

9. An ink jet printing apparatus as claimed in claim 7, wherein the electrode wiring line in said supporting member is formed inside said supporting member and only a part of said electrode wiring line which connects with the electrode wiring line of said wiring board is exposed.

10. An ink jet printing apparatus as claimed in claim 7, wherein said wiring board is sandwiched between said supporting member and a board forming outermost

surface of said printing head.

11. An ink jet printing apparatus as claimed in claim 7, wherein the connection of the electrode wiring
5 line of said wiring board with the electrode of said printing element board is made in a state in which said electrode wiring line is entirely covered with said wiring board.

10 12. An ink jet printing apparatus as claimed in claim 7, wherein the energy generating element generates thermal energy to generate a bubble in the ink and the ink is ejected by pressure of the bubble.